Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030362.D
Acq On : 30 Mar 2023 16:19
Operator : SY/MD
Sample : 02092-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB994

Quant Time: Mar 31 05:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

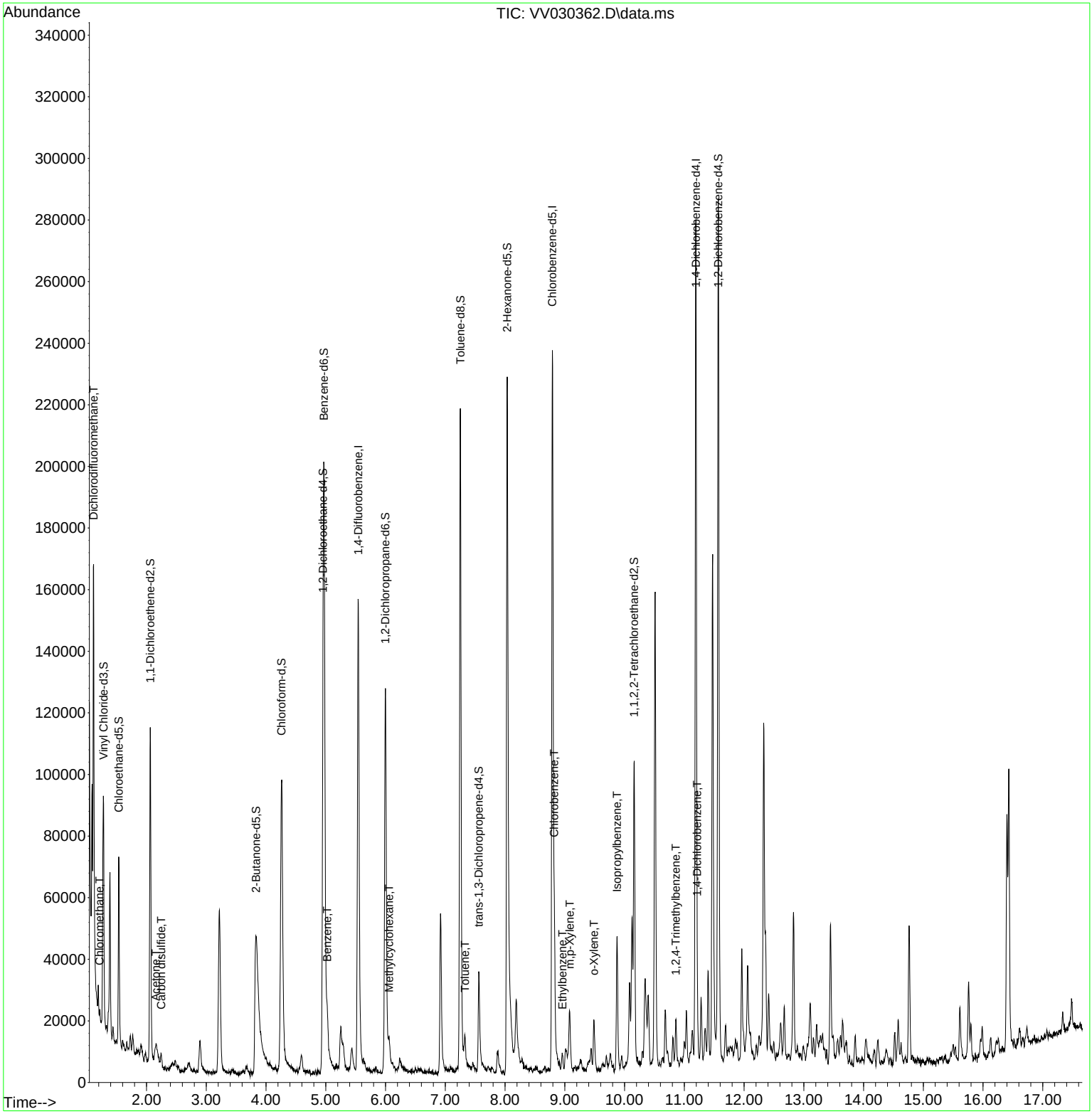
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129848	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	127655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	32433	3.771	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.400%			
7) Chloroethane-d5	1.536	69	36929	4.425	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.063	63	59218	2.902	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.000%#			
20) 2-Butanone-d5	3.834	46	102113	45.939	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.880%			
24) Chloroform-d	4.259	84	100540	4.830	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	4.953	65	51827	5.278	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	4.969	84	173707	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	5.998	67	59802	5.310	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.200%			
41) Toluene-d8	7.252	98	144784	4.383	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.600%			
43) trans-1,3-Dichloroprop...	7.561	79	19175	4.522	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.037	63	85014	49.895	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.800%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46211	5.206	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.200%			
66) 1,2-Dichlorobenzene-d4	11.571	152	69041	5.641	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	2056	0.125	ug/L	91
3) Chloromethane	1.217	50	2570	0.123	ug/L #	81
13) Acetone	2.156	43	20138	9.474	ug/L	92
14) Carbon disulfide	2.246	76	4174	0.117	ug/L	96
33) Benzene	5.024	78	17223	0.380	ug/L	100
35) Methylcyclohexane	6.059	83	3124	0.163	ug/L	97
42) Toluene	7.330	91	6523	0.135	ug/L	95
51) Chlorobenzene	8.821	112	25320	0.819	ug/L	98
52) Ethylbenzene	8.960	91	3315	0.063	ug/L #	81
53) m,p-Xylene	9.085	106	3961	0.196	ug/L	99
54) o-Xylene	9.487	106	4527	0.234	ug/L	91
60) Isopropylbenzene	9.876	105	26225	0.519	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	7964	0.190	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	3624	0.143	ug/L	96

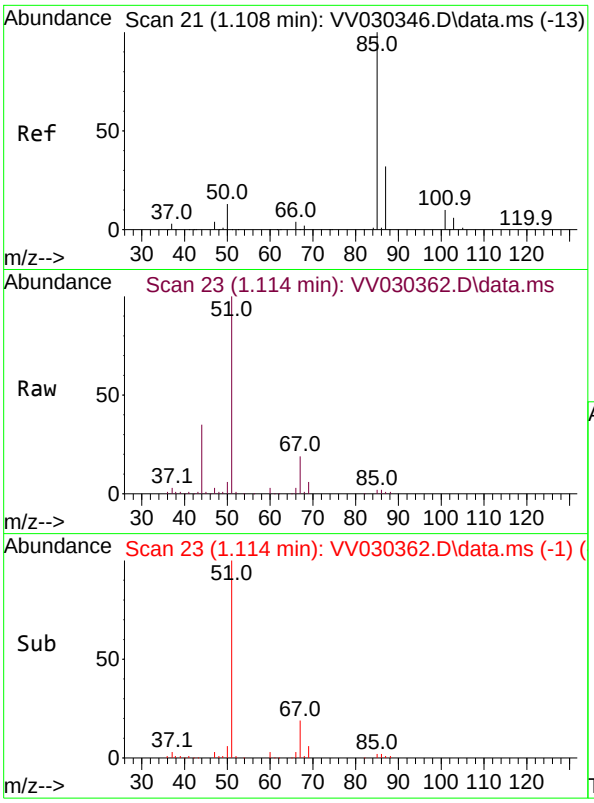
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030362.D
Acq On : 30 Mar 2023 16:19
Operator : SY/MD
Sample : 02092-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB994

Quant Time: Mar 31 05:42:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



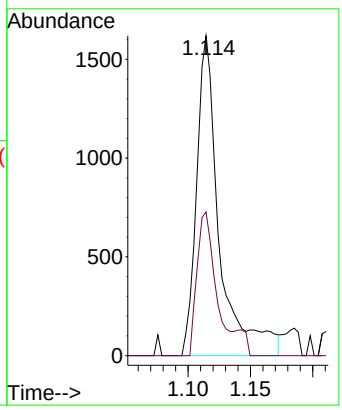


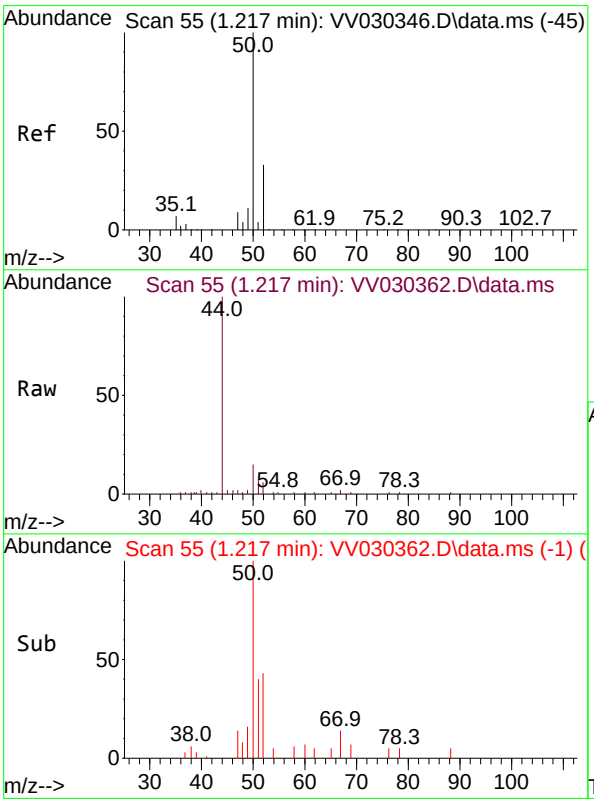
#2
Dichlorodifluoromethane
Concen: 0.125 ug/L
RT: 1.114 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion: 85 Resp: 2056

Ion	Ratio	Lower	Upper
85	100		
87	37.2	25.6	38.4

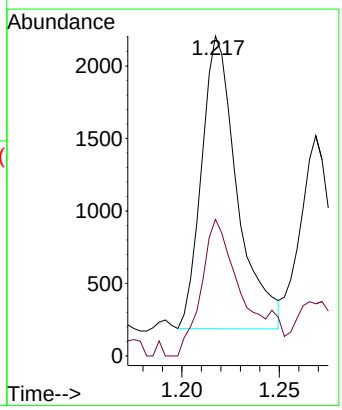


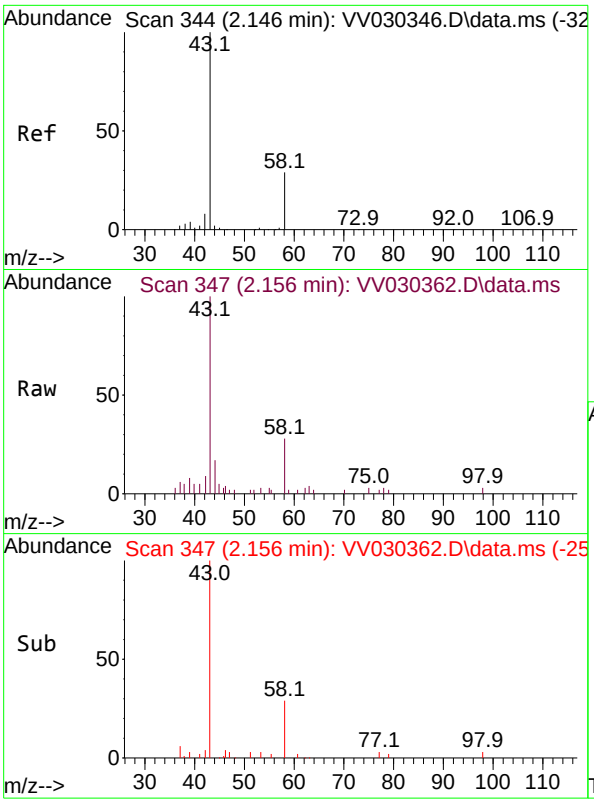


#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 50 Resp: 2570

Ion	Ratio	Lower	Upper
50	100		
52	42.7	22.3	41.5#



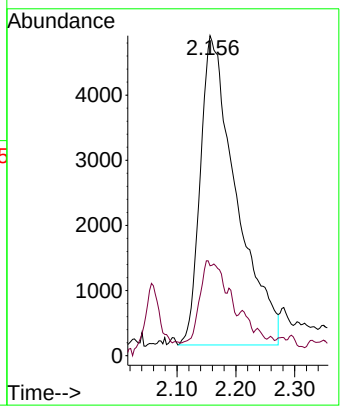


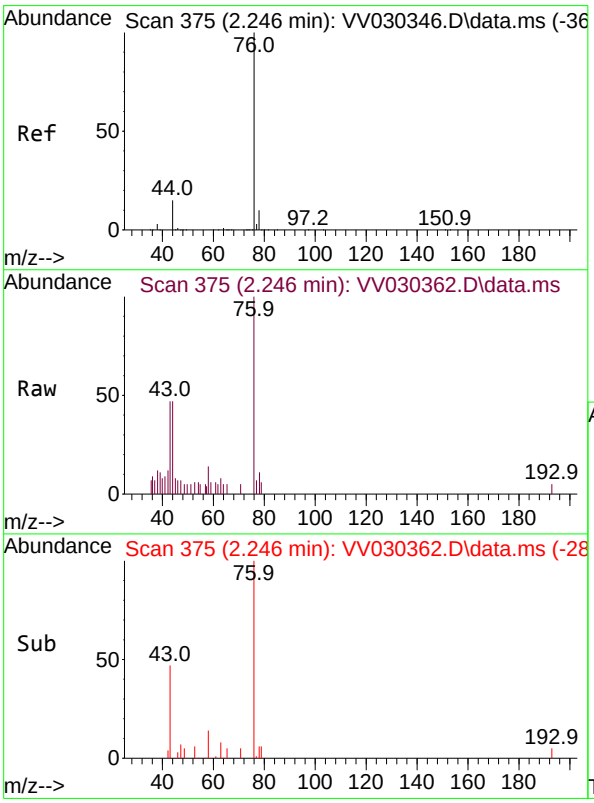
#13
Acetone
Concen: 9.474 ug/L
RT: 2.156 min Scan# 34
Delta R.T. 0.010 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion: 43 Resp: 20138

Ion	Ratio	Lower	Upper
43	100		
58	16.8	0.0	40.8

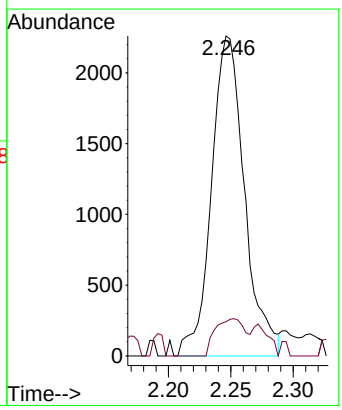


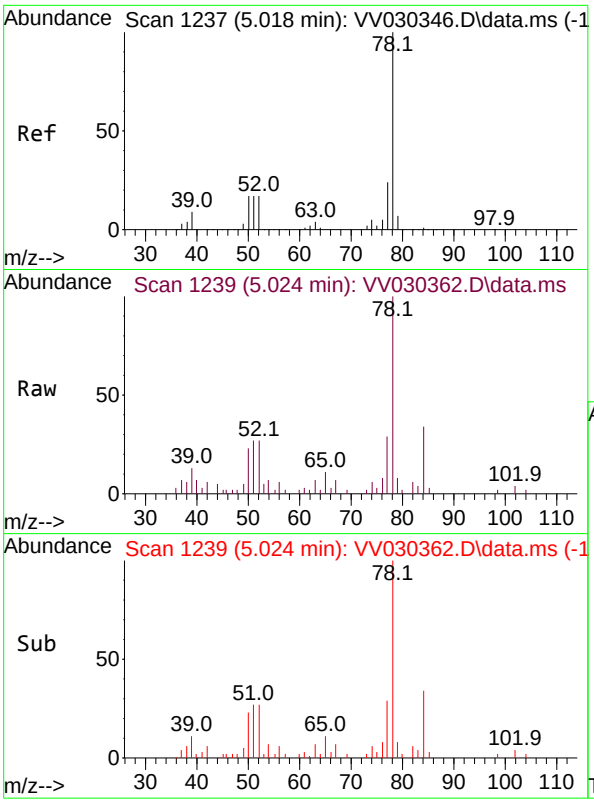


#14
Carbon disulfide
Concen: 0.117 ug/L
RT: 2.246 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 76 Resp: 4174

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.3	10.9

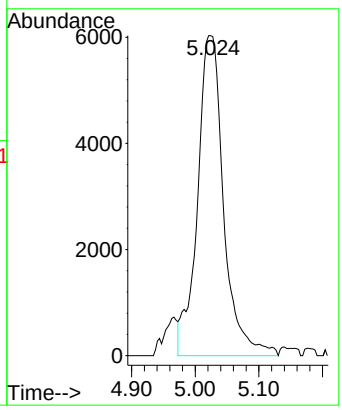


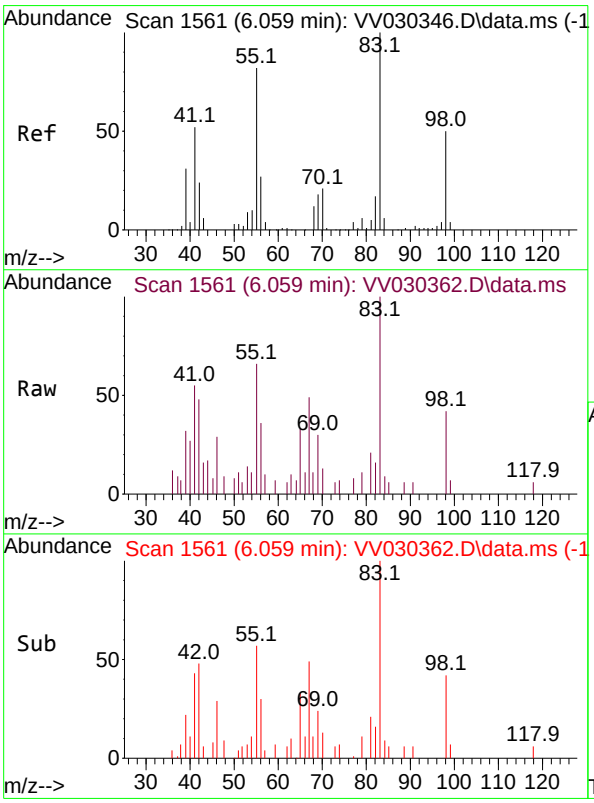


#33
Benzene
Concen: 0.380 ug/L
RT: 5.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion: 78 Resp: 17223

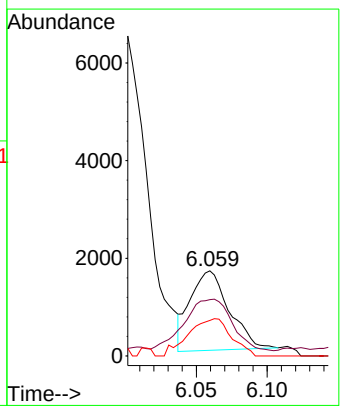


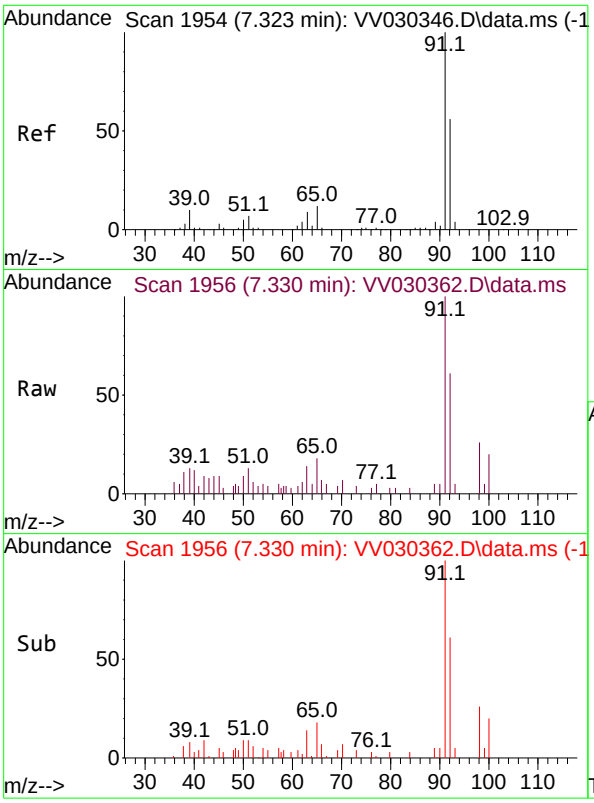


#35
Methylcyclohexane
Concen: 0.163 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion: 83 Resp: 3124

Ion	Ratio	Lower	Upper
83	100		
55	85.2	66.6	100.0
98	51.3	38.6	58.0



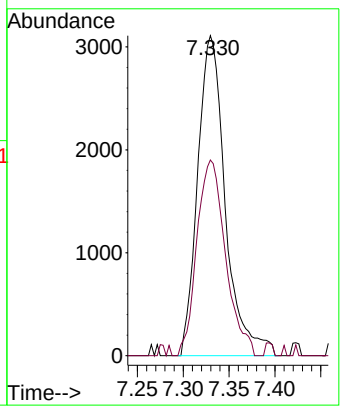


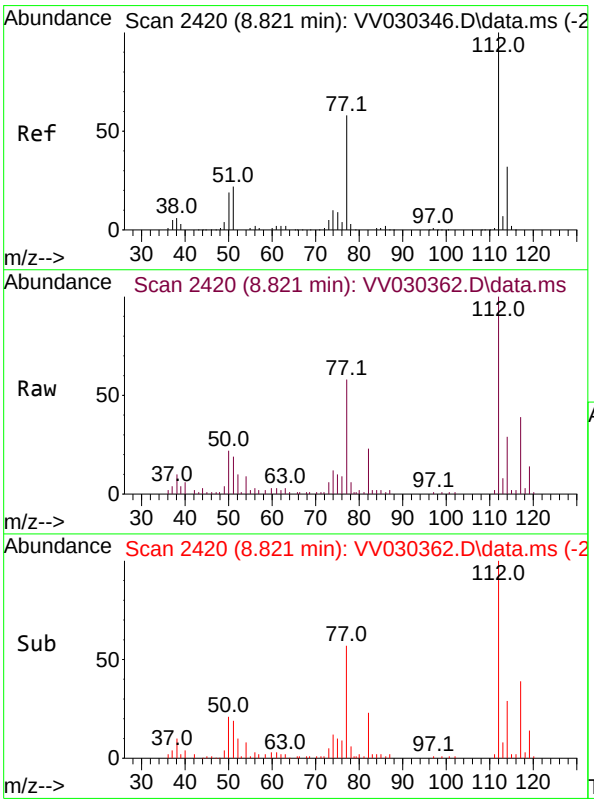
#42
Toluene
Concen: 0.135 ug/L
RT: 7.330 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion: 91 Resp: 6523

Ion	Ratio	Lower	Upper
91	100		
92	61.1	40.4	75.0

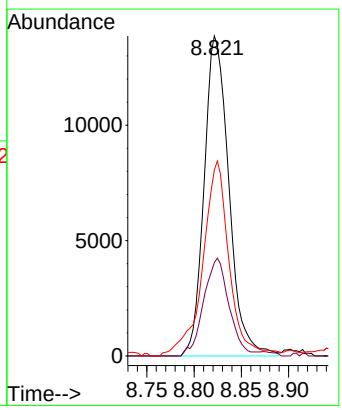


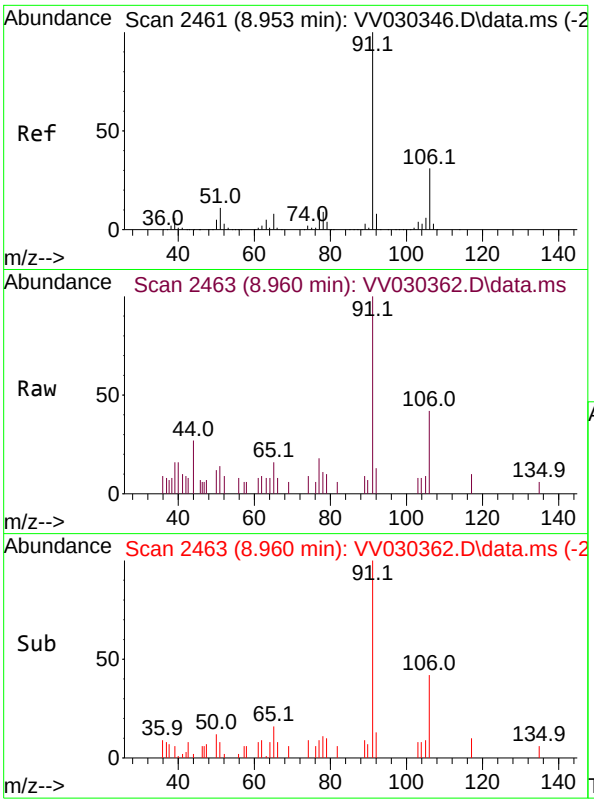


#51
Chlorobenzene
Concen: 0.819 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:112 Resp: 25320

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.4	41.6
77	58.2	45.9	68.9



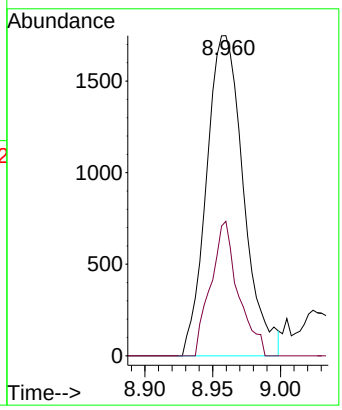


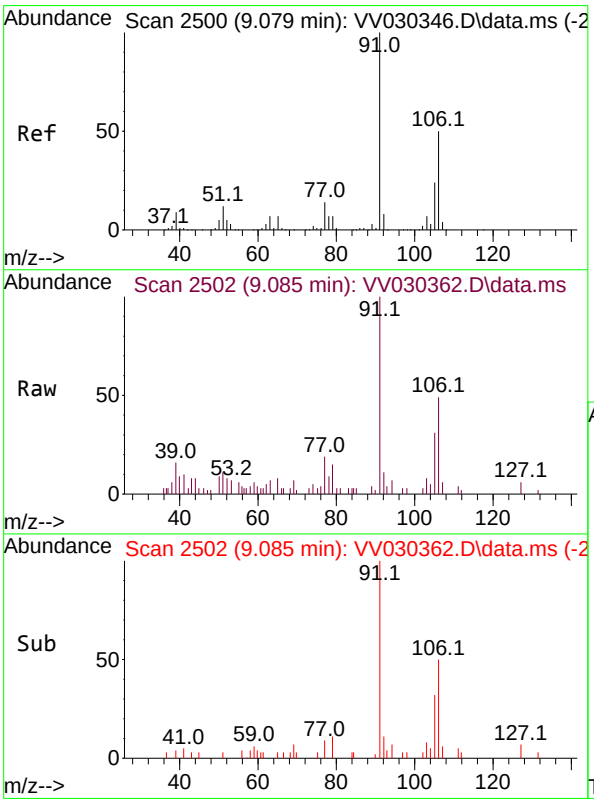
#52
Ethylbenzene
Concen: 0.063 ug/L
RT: 8.960 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion: 91 Resp: 3315

Ion	Ratio	Lower	Upper
91	100		
106	42.0	22.2	41.2#

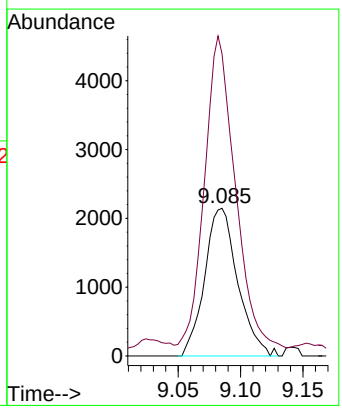


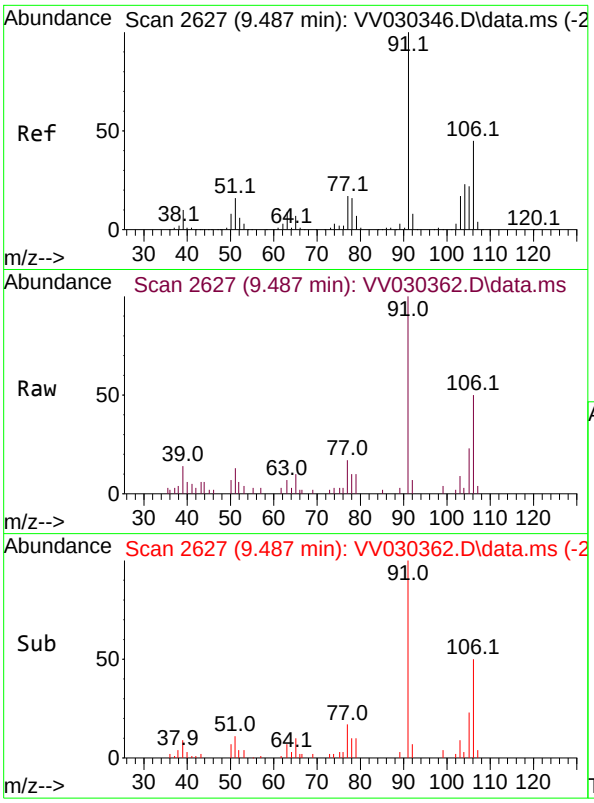


#53
m,p-Xylene
Concen: 0.196 ug/L
RT: 9.085 min Scan# 2502
Delta R.T. 0.006 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:106 Resp: 3961

Ion	Ratio	Lower	Upper
106	100		
91	204.6	142.4	264.4



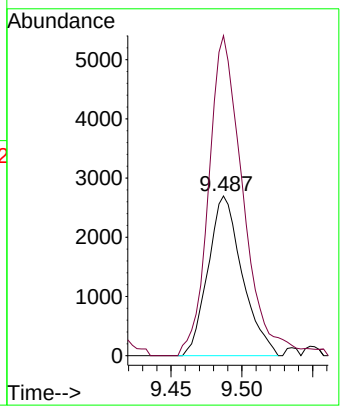


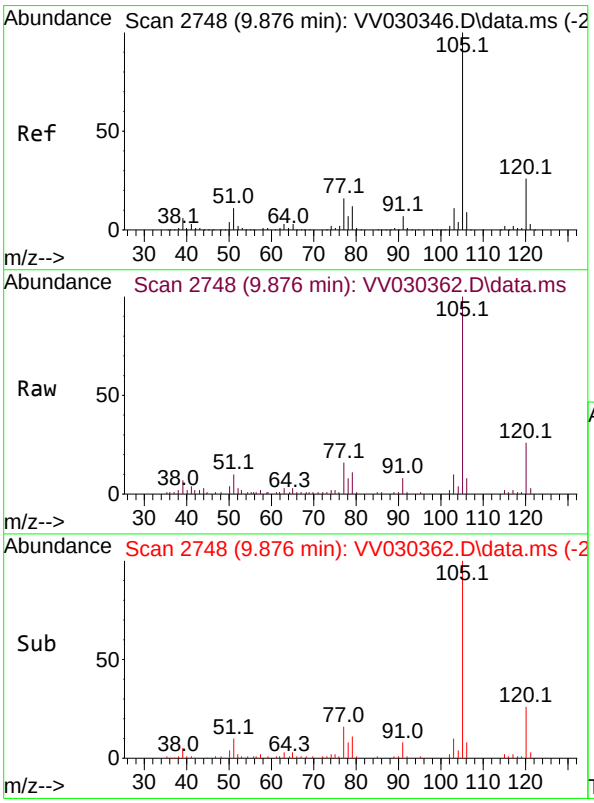
#54
o-Xylene
Concen: 0.234 ug/L
RT: 9.487 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion:106 Resp: 4527

Ion	Ratio	Lower	Upper
106	100		
91	200.3	149.8	278.2

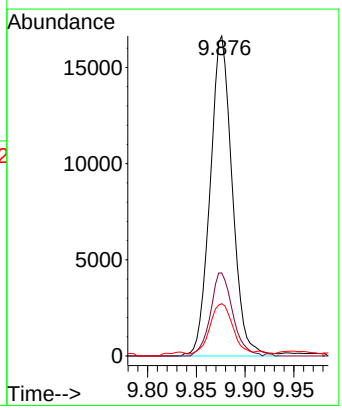


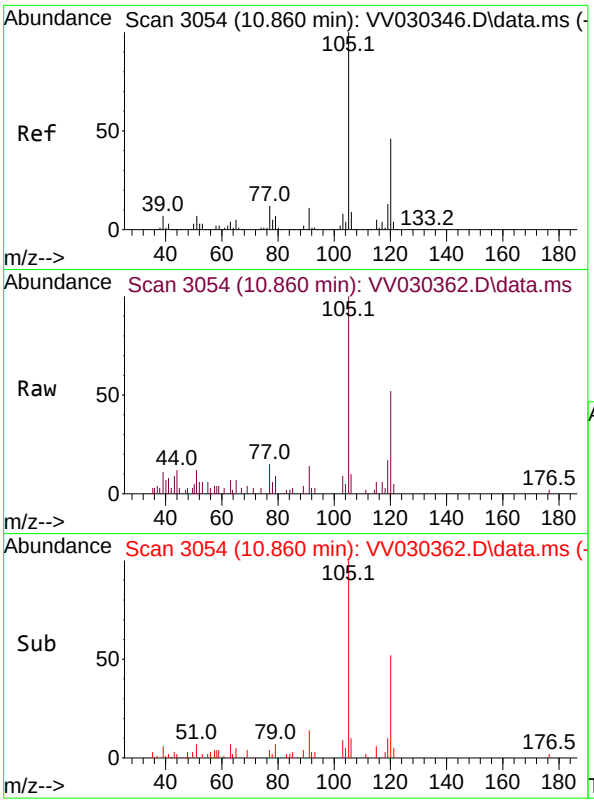


#60
Isopropylbenzene
Concen: 0.519 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:105 Resp: 26225

Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.1	31.7
77	16.2	12.9	19.3



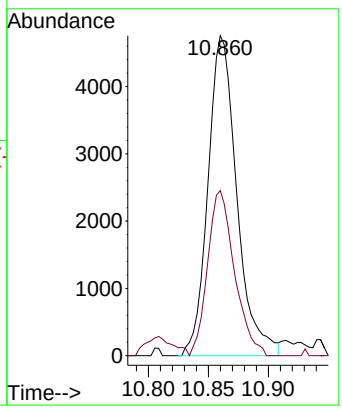


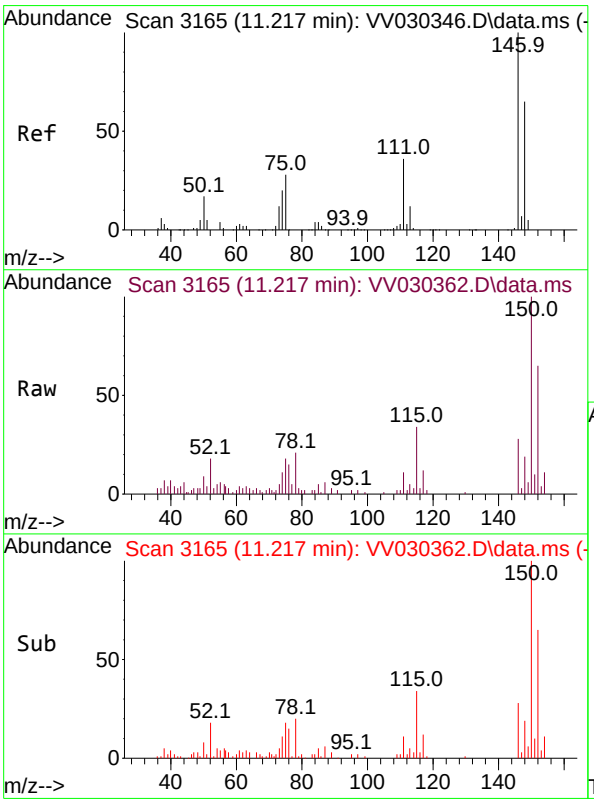
#63
1,2,4-Trimethylbenzene
Concen: 0.190 ug/L
RT: 10.860 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Instrument :
MSVOA_V
ClientSampleId :
CB994

Tgt Ion:105 Resp: 7964

Ion	Ratio	Lower	Upper
105	100		
120	48.0	36.8	55.2





#65
1,4-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030362.D
Acq: 30 Mar 2023 16:19

Tgt Ion:146 Resp: 3624

Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.0	48.4
148	69.1	45.2	84.0